

ILLUSTRATED CATALOGUE

Houser & Haines Mfg. Co.

(INCORPORATED)

STOCKTON, CAL., U. S. A.

PLOW DEPARTMENT

STOCKTON REVERSIBLE GANG PLOWS

DOUBLE DISC HARROWS

MALSBARY GRAIN DRILLS

CHANNEL IRON  WOOD BAR HARROWS

MAIN OFFICE AND WORKS
Houser & Haines Mfg. Co.
Stockton, Cal., U. S. A.

CABLE ADDRESS: "HARVESTERS," WESTERN UNION CODE.

BRANCH OFFICE AND WAREROOMS
Houser & Haines Mfg. Co.
Walla Walla, Wash., U. S. A.

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WALLA WALLA, WASH., U. S. A.

Main Office
HOUSER & HAINES MFG. CO.,
Stockton, Cal.

INTRODUCTORY.



UR purpose in issuing this book is to secure your business,
and to do so we shall endeavor to show you in the pages
following the superiority of our Implements over all others.

The wise buyer is the one who never loses sight of the fact that
a customer remembers the quality long after the price is forgotten.

We have sold **STOCKTON REVERSIBLE GANG PLOWS** for more
than a quarter of a century. This should be evidence to you that the
quality of our goods is unsurpassed.

Every Implement is guaranteed to be just as represented and to do
all the work claimed for it when properly handled. If you do not use
our products and are interested in the best goods, write us, and we
will gladly give further information or have our representative call
and explain their merits.

Yours respectfully,

HOUSER & HAINES MFG. CO.

The Stockton Reversible Gang Plow

Will plow from 2 to 10 inches deep, according to size and width of cut, and will take from two to four horses less than other plows of like capacity. All parts are interchangeable and the reversible moulds are double edged, which enables you, when one cutting edge becomes worn, to use the other edge simply by turning it over.

Plow building is no new experiment with us, having built this style for more than twenty-five years, and they have given universal satisfaction wherever used.

We have kept abreast of the times, making new improvements each year and simplifying the work until we can safely and truthfully say we have the **BEST GANG PLOW ON THE MARKET**

In designing these plows, we have kept in view the severe work required of this class of plows and have built them throughout in a thorough, substantial manner.

FRAMES.

The Frames on all our plows are made of Oregon pine, thoroughly seasoned. They are large and strong, yet symmetrical in appearance.

STANDARDS.

The Standards are made heavy and strong, to which the Mould and Landside are securely bolted, either of which can be replaced without disturbing the other. We use large bolts in fastening the Standards to the Frame, making a very rigid Plow.

MOULDS.

The Moulds are made of the very best grade of Open Hearth Plow Steel that can be bought. They are manufactured in our own factory, over the original forms, and guaranteed to fit the Standard.

LANDSIDES.

The Landside is made of cast iron, also long and high, thus giving a large wearing surface.

WHEELS.

The Wheels are made with heavy, wide rims, which insures holding the plow to a uniform depth of cut. They are fitted with four-hole boxes in place of the old style two-hole, which is advantageous because they can be kept tight, while the two-hole never could.

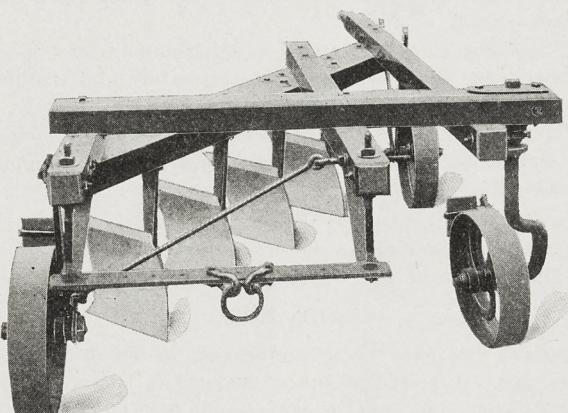
AXLES.

The Axles are made of mild steel and larger than those generally used on other plows.

On the following pages we will illustrate the different plows and set forth briefly the particular points of each.

STOCKTON REVERSIBLE GANG PLOWS.

This illustrates our regular Plow, without Land Shifter or Rear Lever. The draft is adjusted by removing the clevis and ring to right or left. The wheels are fastened to frame with clamps or collar and can be raised or lowered by releasing set screws.



No. 1—STOCKTON REVERSIBLE GANG PLOW.

Without Land Shifter or Rear Lever.

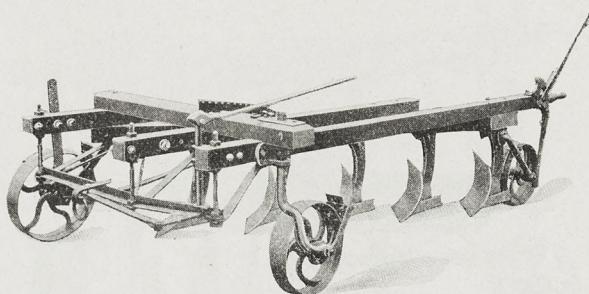
SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 8 Inch.....	\$41 00	525	\$6 00	\$ 7 25
4 " 8 "	46 00	615	6 50	8 00
5 " 8 "	52 00	700	7 25	9 25
6 " 8 "	56 00	800	8 00	9 50
7 " 8 "	62 00	875	9 00	10 50
3 " 10 "	45 00	600	6 00	7 25
4 " 10 "	51 00	725	6 50	8 00
5 " 10 "	56 00	850	7 25	9 25
6 " 10 "	62 00	900	9 00	10 50

All Plows have rear wheel fitted to run on land unless ordered to run in the furrow.

All wheels fitted with four-hole boxes.

STOCKTON REVERSIBLE GANG PLOWS.

In this we illustrate our regular Plow with Land Shifter and Rear Lever. The Land Shifter is the simplest and most durable ever used. It is within easy reach of the operator and he is in no danger of having the wheel run over his foot as in other plows, for it is operated back of the wheel. The Rear Lever is made entirely of iron and steel and will last a lifetime. It has more leverage than those generally used. The rear wheel shown in this cut is fastened through the Standard, but in shipping out Plows we send them with wheel fastened through a plate, so that the wheel will run on the land.



No. 2—STOCKTON REVERSIBLE GANG PLOW.

With Land Shifter and Rear Lever.

SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 8 Inch.....	\$57 00	550	\$ 6 00	\$ 7 25
4 " 8 "	62 00	640	6 50	8 00
5 " 8 "	68 00	725	7 25	9 25
6 " 8 "	72 00	825	8 00	9 50
7 " 8 "	78 00	900	9 00	10 50
3 " 10 "	61 00	625	6 00	7 25
4 " 10 "	67 00	755	6 50	8 00
5 " 10 "	72 00	880	7 25	9 25
6 " 10 "	78 00	980	9 00	10 50

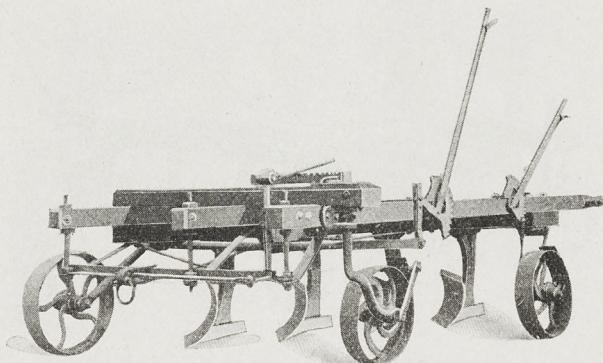
All Plows have rear wheels fitted to run on land unless ordered to run in the furrow.

All wheels fitted with four-hole boxes.

STOCKTON REVERSIBLE GANG PLOWS.

In this we illustrate our regular Plow with three levers. In addition to the Land Shifter and Rear Lever we have put on a lever to raise the furrow wheel. It is very simple and can be put on any plow manufactured by us.

We have also an arrangement for raising and lowering the swivel wheel with the lever that raises the furrow wheel, and should you desire the Plow made this way kindly state in your order, **Swivel Wheel to Raise and Lower with Lever.** We add \$5.00 to the list for this attachment.



No. 3—STOCKTON IMPROVED REVERSIBLE GANG PLOW.

With Rear Lever, Furrow Wheel Lever and Land Shifter.

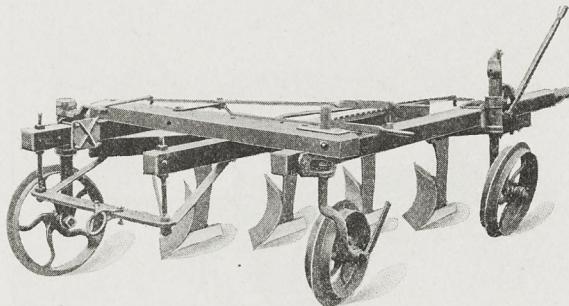
SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 8 Inch.....	\$60 00	610	\$6 00	\$ 7 25
4 " 8 "	65 00	700	6 50	8 00
5 " 8 "	70 00	795	7 25	9 25
6 " 8 "	75 00	895	8 00	9 50
7 " 8 "	80 00	900	9 00	10 50
3 " 10 "	65 00	695	6 00	7 25
4 " 10 "	70 00	825	6 50	8 00
5 " 10 "	75 00	910	7 25	9 25
6 " 10 "	80 00	1040	9 00	10 50

All Plows have rear wheel fitted to run on land unless ordered to run in the furrow.

All wheels fitted with four-hole boxes.

STOCKTON REVERSIBLE GANG PLOWS.

This illustrates our Side-Hill Plow. The wheels can be raised and lowered at will with a system of levers and can be slanted to any desired angle to make the Plow stick to the hill. They have proven a success and anyone having hilly land should have one of this style.



No. 4—STOCKTON REVERSIBLE GANG PLOW.

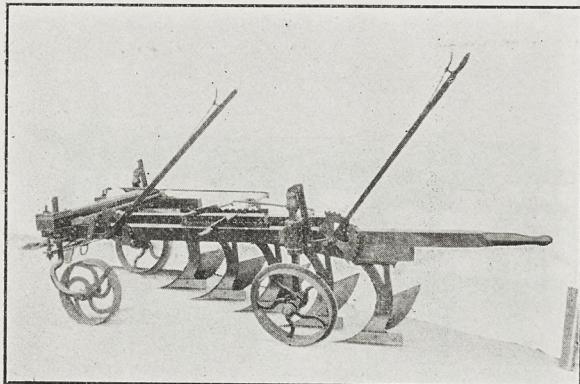
With Side Hill Attachment.

SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 8 Inch.....	\$66 00	620	\$6 00	\$ 7 25
4 " 8 "	71 00	710	6 50	8 00
5 " 8 "	77 00	795	7 25	9 25
6 " 8 "	81 00	895	8 00	9 50
7 " 8 "	87 00	970	9 00	10 50
3 " 10 "	70 00	795	6 00	7 25
4 " 10 "	76 00	825	6 50	8 00
5 " 10 "	81 00	950	7 25	9 25
6 " 10 "	87 00	1050	9 00	10 50

All Plows have rear wheel fitted to run on land unless ordered to run in the furrow.

STOCKTON REVERSIBLE GANG PLOWS.

This illustrates our Plow same as Cut No. 4, with the exception that it has a lever to raise and lower the furrow wheel.



No. 5—STOCKTON REVERSIBLE GANG PLOW.

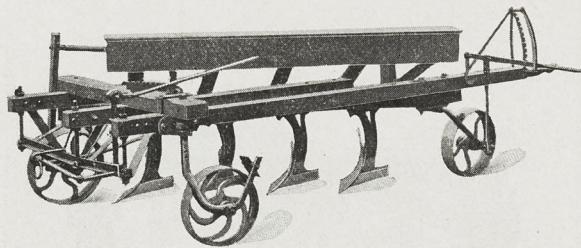
With Side-Hill Attachment and Furrow Wheel Lever.

SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 8 Inch	\$69 00	630	\$6 00	\$ 7 25
4 " 8 "	74 00	720	6 50	8 00
5 " 8 "	80 00	795	7 25	9 25
6 " 8 "	84 00	905	8 00	9 50
7 " 8 "	90 00	980	9 00	10 50
3 " 10 "	73 00	785	6 00	7 25
4 " 10 "	79 00	835	6 50	8 00
5 " 10 "	83 00	960	7 25	9 25
6 " 10 "	90 00	1050	9 00	10 50

All Plows have rear wheel fitted to run on land unless ordered to run in the furrow.

WAGENER REVERSIBLE GANG PLOWS.

This illustrates the Wagener Reversible Gang Plow with Seeder. It is constructed on the same general lines except the Rear Lever, which works in a comb or ratchet instead of a cast bracket as on the other Plows.



No. 6—WAGENER REVERSIBLE GANG PLOW.

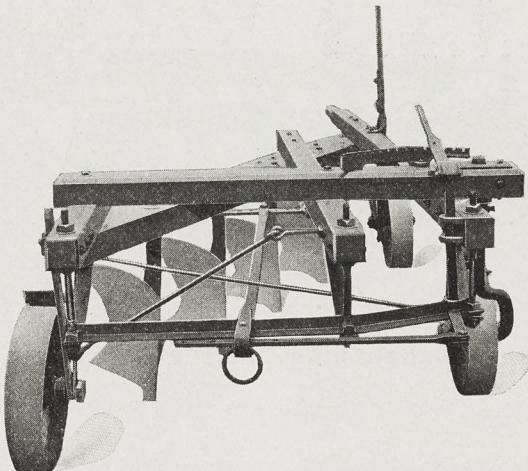
SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 8 Inch	\$62 00	620	\$6 00	\$ 7 25
4 " 8 "	67 00	710	6 50	8 00
5 " 8 "	73 00	795	7 25	9 25
6 " 8 "	77 00	895	8 00	9 50
7 " 8 "	83 00	970	9 00	10 50
3 " 10 "	66 00	795	6 00	7 25
4 " 10 "	72 00	825	6 50	8 00
5 " 10 "	77 00	920	7 25	9 25
6 " 10 "	83 00	1000	9 00	10 50

All Plows have rear wheel fitted to run on land unless ordered to run in the furrow.

All wheels fitted with four-hole boxes.

STOCKTON SHARE AND MOULD BOARD PLOWS.

This illustrates our Slip Share Plow, constructed on the same general lines as our Reversible Gang Plow, except that it has Share and Mould Board instead of reversible moulds. The Standards and Lands are made of cast iron. The Mould Board is made of Open Hearth Steel and sufficiently long and shaped so as to turn the toughest soil. The Land is made of cast iron, is easily replaced, and is much cheaper than the chilled land.



No. 7—SLIP SHARE PLOW.

(P. and Granger Plow.)

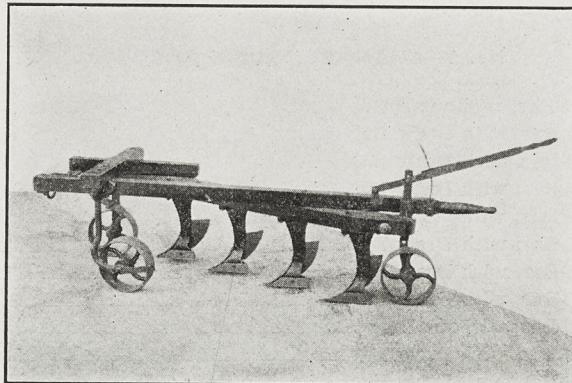
SIZE OF PLOW	PRICE	WEIGHT	EXTRAS	
			FRONT SEEDER	REAR SEEDER
3 Gang 10 Inch	\$ 77 00	750	\$6 00	\$ 7 25
4 " 10 "	87 00	800	6 50	7 75
5 " 10 "	97 00	850	7 25	8 75
6 " 10 "	107 00	900	8 00	9 50
3 " 12 "	87 00	800	6 50	7 25
4 " 12 "	97 00	850	7 50	9 00
5 " 12 "	107 00	900	8 25	10 00

Furrow Wheel Lever add \$3.00 to list.

Swivel Wheel Lever add \$5.00 to the list.

GARDEN GANG PLOW.

Recognizing the demand for a light, strong and serviceable Gang Plow for orchard and vineyard work, we have manufactured the Garden Gang Plow. For cheapness and durability this Plow has not its equal in vineyard work, as the following facts in regard to its construction will show. Made after the pattern of our famous Stockton Reversible Gang Plow, its durability is a recognized fact. Having Wood Frame, Cast Standards and 6-inch Reversible Moulds, it enables the purchaser to get his extras on short notice and at a low price.



	Price
Garden Gang Plow, complete-----	\$25.00
Garden Gang Plow, without Rear Lever-----	20.00

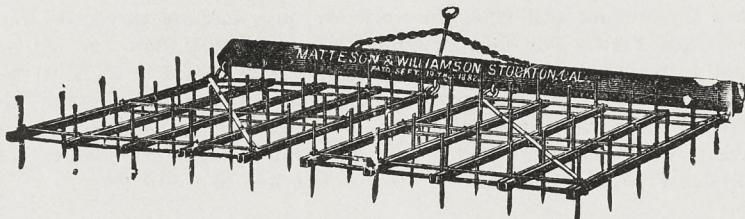
FRAME AND PARTS OF FRAME.

Frame, complete, ready to receive Standards-----	\$7.00
Frame complete, without irons-----	5.00
Main Beam-----	1.25
Handle Beam-----	.75
Cross Beam-----	.50
Short Beam-----	.25

IRON EXTRAS.

G. Standard -----	\$1.00
G. Wheel, 10-inch-----	1.50
9. Swivel Box-----	.50
37. Small Clamp-----	per lb -----
Swivel Standard-----	2.00
Wheel Standard-----	1.50
Draft Bar-----	.50
Moulds, each-----	per lb -----

HARROW DEPARTMENT.



No. 9—CHANNEL IRON HARROWS.

	Price
1 Section 4-Bar, without Draw Bar-----	\$ 8.00
2 Section 4-Bar, with Draw Bar-----	19.00
3 Section 4-Bar, with Draw Bar-----	28.00
4 Section 4-Bar, with Draw Bar-----	37.00
1 Section 5-Bar, without Draw Bar-----	10.00
2 Section 5-Bar, with Draw Bar-----	23.50
3 Section 5-Bar, with Draw Bar-----	35.00
4 Section 5-Bar, with Draw Bar-----	46.00
1 Section 6-Bar, without Draw Bar-----	12.00
2 Section 6-Bar, with Draw Bar-----	28.00
3 Section 6-Bar, with Draw Bar-----	42.00
4 Section 6-Bar, with Draw Bar-----	56.00

Draw Bars, Complete with Runners, Etc.

2 Section 4-Bar, Draw Bar-----	\$3.50
3 Section 4-Bar, Draw Bar-----	4.50
4 Section 4-Bar, Draw Bar-----	6.00
2 Section 5-Bar, Draw Bar-----	3.75
3 Section 5-Bar, Draw Bar-----	5.50
4 Section 5-Bar, Draw Bar-----	7.00
2 Section 6-Bar, Draw Bar-----	4.00
3 Section 6-Bar, Draw Bar-----	6.00
4 Section 6-Bar, Draw Bar-----	8.00

WOOD HARROWS.

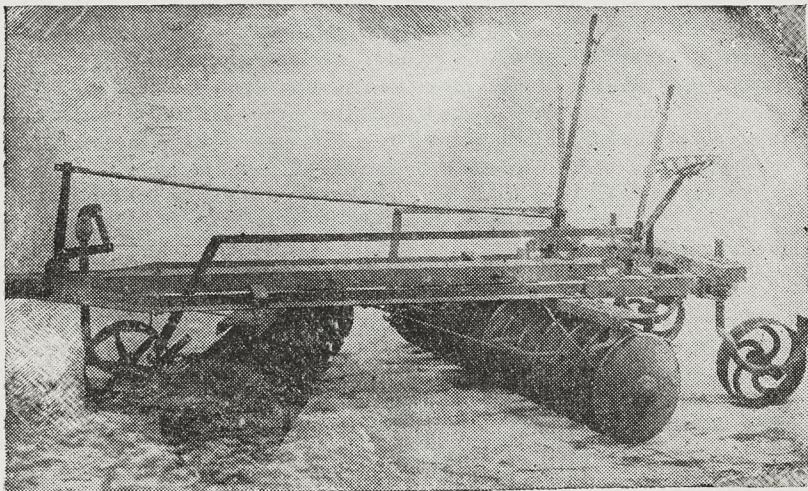
Six Teeth to Bar.

1 Section 4-Bar, without Draw Bar-----	\$7.50
2 Section 4-Bar, with Draw Bar-----	18.00
3 Section 4-Bar, with Draw Bar-----	26.00
4 Section 4-Bar, with Draw Bar-----	33.00

	Price
1 Section 5-Bar, without Draw Bar	\$ 8.50
2 Section 5-Bar, with Draw Bar	20.00
3 Section 5-Bar, with Draw Bar	30.00
4 Section 5-Bar, with Draw Bar	40.00
1 Section 6-Bar, without Draw Bar	10.00
2 Section 6-Bar, with Draw Bar	23.50
3 Section 6-Bar, with Draw Bar	35.00
4 Section 6-Bar, with Draw Bar	47.50

Draw Bars, Complete with Runners, Etc.

2 Section 4-Bar, Draw Bar	\$3.50
3 Section 4-Bar, Draw Bar	4.50
4 Section 4-Bar, Draw Bar	6.00
2 Section 5-Bar, Draw Bar	3.75
3 Section 5-Bar, Draw Bar	5.50
4 Section 5-Bar, Draw Bar	7.00
2 Section 6-Bar, Draw Bar	4.00
3 Section 6-Bar, Draw Bar	6.00
4 Section 6-Bar, Draw Bar	8.00

HOUSER & HAINES DOUBLE DISC HARROW.

The prevailing desire among farmers is to obtain a Disc Harrow that will thoroughly pulverize the ground, kill all the weeds and leave the land without ridges or furrows. It consists of two rows, or sections, of cutting discs, 20 inches in diameter, set one behind the other. The discs are 6 inches apart and the last row follows in a line between

the discs of the first row when in operation, thus thoroughly pulverizing the land left untouched by the first set.

The frame consists of two parallel angle-iron bars, bent at front end so as to connect and brace the pole in the center, which extends the full length of the Harrow. These parallel bars and pole are connected by angle-iron cross-bars at each end.

The discs on each row are held on a steel axle 6 inches apart by means of cast-iron spools and a tightening nut.

There are four maple boxes on each row, placed between the discs at a suitable distance and connecting them to a channel-iron disc beam by cast-iron standards. The whole is suspended beneath the frame and each row is pivoted at opposite ends with a bolt to the parallel angle bar and the other end is fastened with a wrought-iron strap to permit the channel beam to slide under the angle bar on that side.

The pivoting of the disc beams at opposite ends to the frame of the Harrow admits of the two sets of harrow discs being brought parallel to each other or at any desired angle, thereby forcing the discs into the ground different depths, and the greater the angle from the parallel the deeper the discs will enter the ground. For changing the angle of the beams with relation to each other and holding them in their adjusted position we use two levers, which are attached to the maple boxes on the rows of discs by means of draft bars, fastened to them on the ends opposite the pivot, the boxes on the pivot end being fastened direct to the frame with another draft bar. The levers are placed on each side of the driver's seat in easy reach of either hand, one to operate each row of discs.

The secret of the success of this Harrow lies in an **ADJUSTABLE ROLLER BEARING**, which presses a cast-iron roller against the convex side of the second disc of each section, thus eliminating all side wear and friction on the boxes and saving the end thrust of the rows of discs. Without this Adjustable Roller Bearing or some similar device it would be impossible to operate a Double Disc Harrow.

Another important feature of the **HOUSER & HAINES DOUBLE DISC HARROW** is that it is provided with three wheels to regulate the depth of cut in soft or sandy land, by holding the harrow out of the ground and allowing the rows of discs to be placed at the widest angle, thoroughly pulverizing the ground and killing all weeds. These three

wheels all swivel and the front one is raised and lowered by a lever in easy reach of the operator, thereby permitting him to raise the front row of discs out of the ground and allowing the Harrow to turn a square corner

PRICES.

	WITH SEEDER	WITHOUT SEEDER
6 Foot Harrow.....	\$140 00	\$125 00
8 Foot Harrow.....	160 00	140 00
10 Foot Harrow.....	180 00	160 00

No other Harrow can excel in **CAPACITY, QUALITY OR QUANTITY** of work. When you buy remember the **HOUSER & HAINES DOUBLE DISC HARROW** is the **Cheapest, Simplest and Most Durable**.

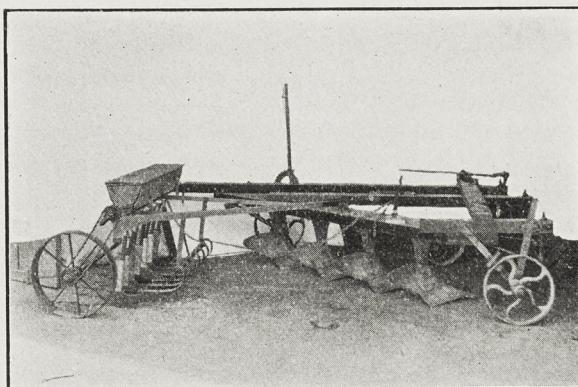
If there is any further information desired, please call on or address

HOUSER & HAINES MFG. CO.,

Corner Scott Avenue and Aurora Street,

Stockton, Cal.

GRAIN DRILL DEPARTMENT.



MALSBARY GRAIN DRILL.

PRICE LIST. (Drills Complete.)

For 3—10 or 4—8 Gang Plow, 5-Shoe Drill-----	\$30.00
For 4—10 or 5—8 Gang Plow, 7-Shoe Drill-----	32.50
For 5—10 or 6—8 Gang Plow, 8-Shoe Drill-----	35.00

We call your attention to the Malsbary Grain Drill Attachment for Gang Plows. Its merits as a seeder have never been equalled. We have been building these Drills for the past four seasons and have sold over 2,600 throughout the various sections of this State, where Gang Plows are in use, and they are giving general satisfaction

It is a Press Drill. It presses a V groove instead of scratching a trench.

It has a specially formed chain or succession of open links, alternating in size, so that every other link acts as a press.

It has a rotary force feed, which prevents clogging of feed spouts and openings

The seed box is made of galvanized iron instead of wood, rain and sun not affecting it.

The entire machine is made of steel and iron, except the rubber tubing for spouts

The Drill hinges independent of plow, so as to work equally as well in rough or hog-wallow land as on level.

There is no side draft, as the pull comes direct from center of resistance in a straight line of draft

The shoes of Drill can be set at different depths by means of a lever, which presses heel of shoe as far in the soil as desired.

The sowing is unaffected by the wind.

There is no grain left on top for the birds.

There is no seed planted too deep to germinate.

There is no stubble, trash or dry clods left in contact with the seed. This Drill will work where it is possible for any Press Drill to work, and is a **Seed Saver** and **Crop Maker**.

MALSБARY GRAIN DRILL EXTRAS.

2.	Agitator Shaft Box	\$0.25
3.	Swivel Clevis	1.75
4.	Hub Box	.75
6.	Agitator	.30
7.	Knuckle	.25
16.	Cast Shoe	.60
18.	Corner Brace	1.75
19.	Sprocket, 10-Tooth, 52-Chain	1.25
21.	Clutch Sprocket, 10-Tooth, 52-Chain	1.25

SUNDY EXTRAS.

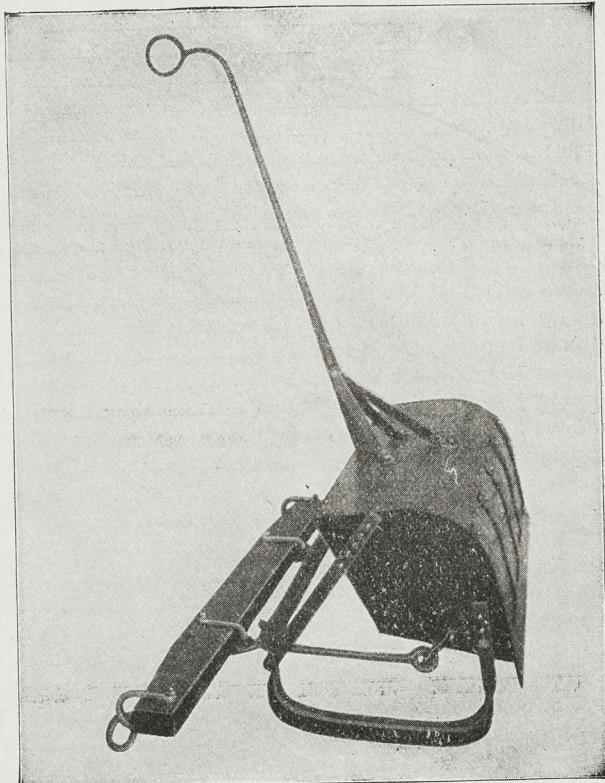
Angle Bracket (front end)	\$0.25
Axles, 1½	.25
Comb	.75
Collar for Swivel Stem	.25
Drag Chains	.60
Funnels (tin)	.15
Hose	.15
Set Screws for Agitators	.05
Springs	.75
Shoe Spouts	.50
Swivel Stems	1.75
Sand Caps (inside or outside)	.15
Shaft, without Knuckle, for 30-inch Drill	.50
Shaft, without Knuckle, for 40-inch Drill	.60
Shaft, without Knuckle, for 50-inch Drill	.70
Shaft, without Knuckle, for 60-inch Drill	.80
Shaft, Short, with Knuckle	.50
Shaft, Short, without Knuckle	.15
Shaft, with Knuckle, for 30-inch Drill	.80
Shaft, with Knuckle, for 40-inch Drill	.90
Shaft, with Knuckle, for 50-inch Drill	1.00
Shaft, with Knuckle, for 60-inch Drill	1.10
Shoe Bars, 30-inch Drill	1.00
Shoe Bars, 40-inch Drill	1.10
Shoe Bars, 50-inch Drill	1.20
Shoe Bars, 60-inch Drill	1.30
Shoe Hangers	.75
Shoe Hanger Brace	.50
Tightener Lever	1.00
Tightener Hook	.25
Wheels	3.00

SCRAPER DEPARTMENT.

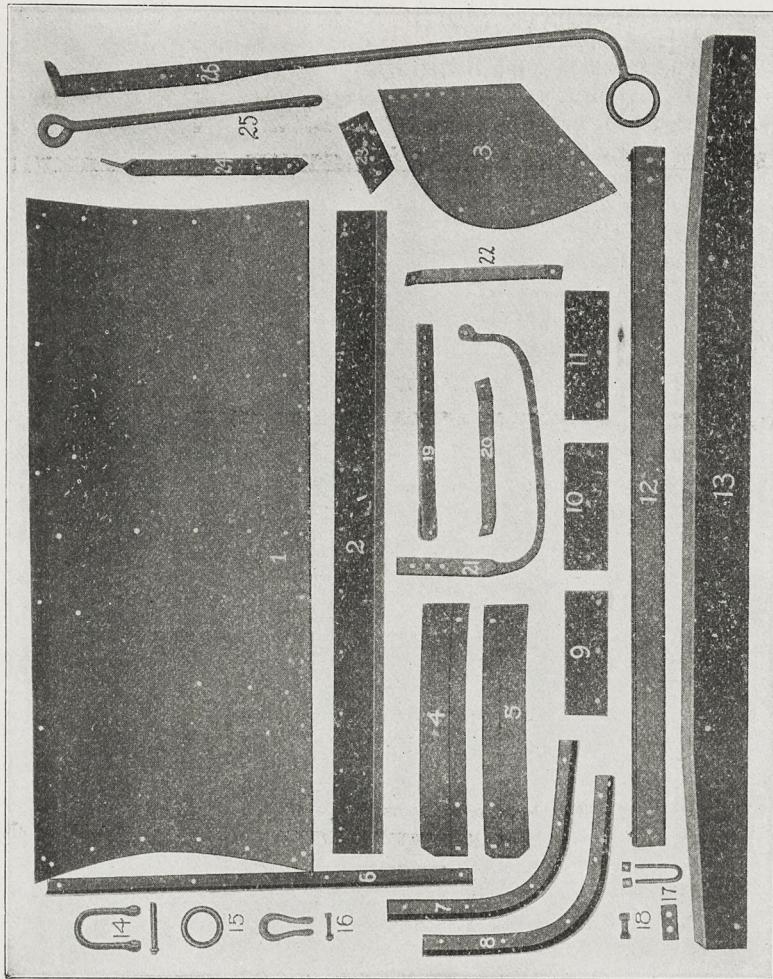
THE STOCKTON IMPROVED SCRAPER.

With its latest attachments, this Scraper is a boon to
RAILROAD WORK, IRRIGATION DITCHES,
LEVEE BUILDING, LEVELING LAND,
ROAD MAKING,

and any other work to which a Scraper can be applied. Durability and strength are its chief characteristics.



Position of the Stockton Improved Scraper While Dumping Its Load.
(Note the Wear Plates on the Back of the Bowl.)



STOCKTON IMPROVED SCRAPER EXTRAS.

No.	Name of Part.	2 Horse or 3½ ft.	4 Horse or 5 ft.
1.	Bowl	\$5.00	\$9.00
2.	Blade	1.10	1.50
3.	Head or End	1.50	1.50
23.	{ Head or End	1.50	1.50
4.	Shoe for Runner (right)	.65	.65
5.	Shoe for Runner (left)	.65	.65
4.	{ Shoe for Runner	per pair	1.25
5.	{ Shoe for Runner		1.25

No.	Name of Part.	2 Horse or 3½ ft.	4 Horse or 5 ft.
6.	Back Angle -----	\$0.75	\$0.75
7.	Bowl Angle Iron (right)-----	1.00	1.00
8.	Bowl Angle Iron (left)-----	1.00	1.00
9.	Bottom Shoe or Wear Plate (left)-----	.30	.30
10.	Bottom Shoe or Wear Plate (center)-----	.30	.30
11.	Bottom Shoe or Wear Plate (right)-----	.30	.30
12.	Cross Bar -----	.35	.35
13.	Doubletree -----	1.00	1.00
14.	Clevis for Doubletree-----	.50	.50
15.	Ring -----	.20	.20
16.	Clevis for Draw Bar-----	.50	.50
17.	{ Cross Bar Clip-----	.25	.25
18.	{ Runner (right) -----	2.50	2.50
19.	Runner (left) -----	2.50	2.50
22.	Handle Brace (short)-----	.20	.20
24.	Handle Brace (long)-----	.25	.25
25.	Draw Rod -----	.75	.75
26.	Handle -----	2.00	2.00
Scraper complete -----		\$27.50	\$30.00

FRESNO SCRAPER EXTRAS.

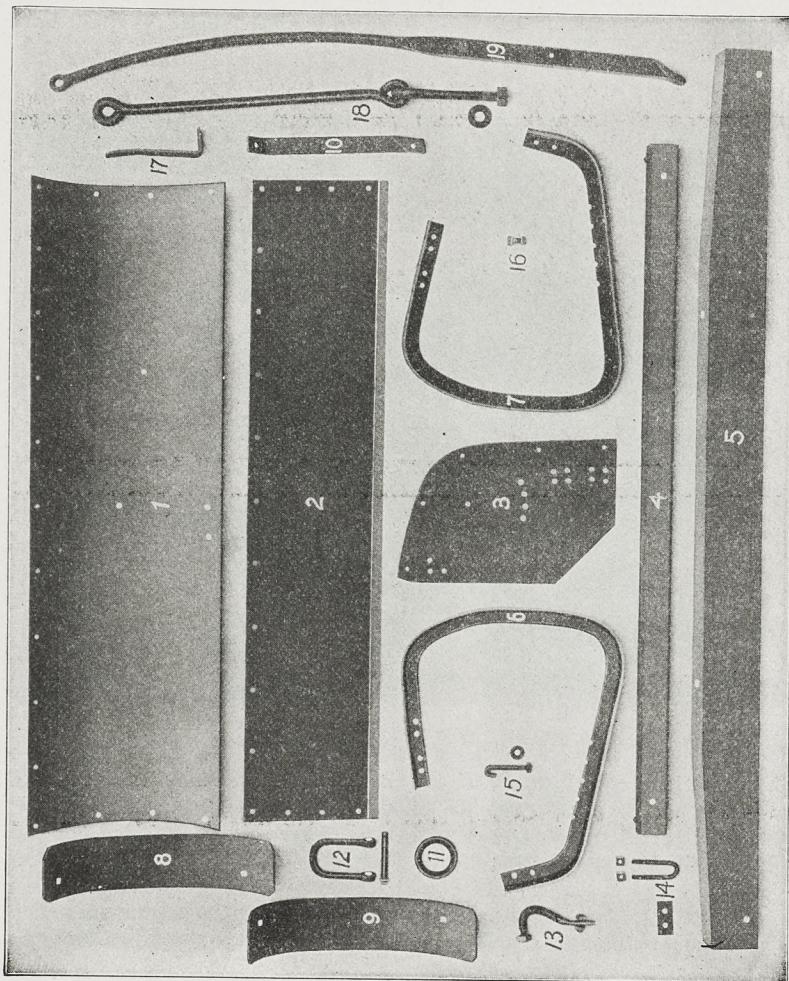
See Cut on Page 31.

No.	Name of Part.	3 Horse or 4 ft. 2 Horse or 3½ ft.	4 Horse or 5 ft.
1.	Bowl -----	\$4.50	\$5.00
2.	Blade -----	4.00	4.40
3.	Head or End -----	1.25	1.25
4.	Cross Bar -----	.35	.35
5.	Doubletree -----	1.00	1.00
6.	Angle Runner (left)-----	2.00	2.00
7.	Angle Runner (right)-----	2.00	2.00
8.	Shoe for Runner (right)-----	.65	.65
9.	Shoe for Runner (left)-----	.65	.65
8.	{ Shoes for Runner-----	per pair	1.25
9.	{ Handle Brace (long)-----		.25
10.	Ring -----	.20	.20
12.	Clevis -----	.50	.50
13.	Rod Holder-----	.50	.50
15.	Hook and Tail Nut-----	.25	.25
17.	Handle Brace (short)-----	.20	.20
18.	Draw Rod -----	1.25	1.25

No.	Name of Part.	3 Horse or 4 ft.	4 Horse
19.	Handle	2 Horse or 3½ ft.	or 5 ft.
20.	Bowl Angle Iron (See cut on page 29, Nos. 7 and 8)	2.00	2.00

20. Bowl Angle Iron (See cut on page 29, Nos. 7 and 8) 1.00 1.00

Scraper complete—2-horse or 3½ feet, \$25.00; 3-horse or 4 feet, \$27.00;
4-horse or 5 feet, \$28.00.

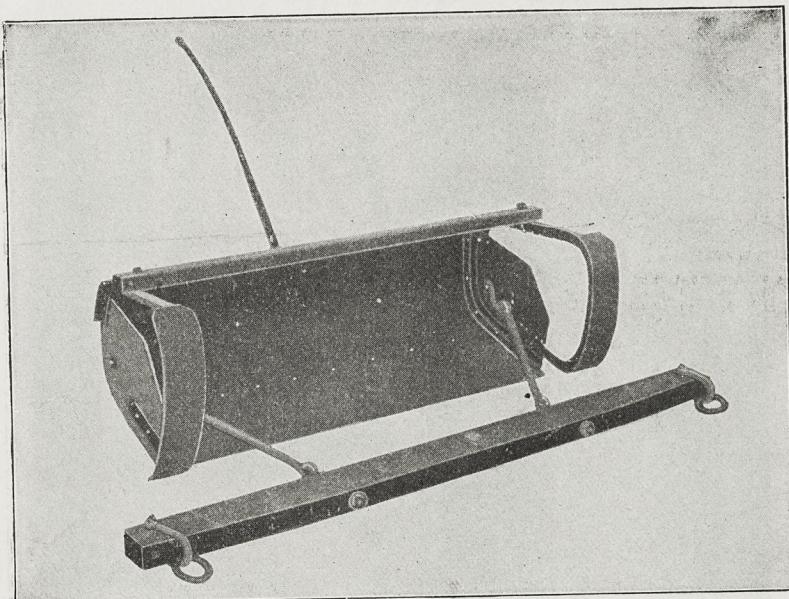


We also manufacture the Fresno Scraper. These are made to templet and we are in a position to furnish all parts punched ready for placing into position on any scraper made by us.

Dirt may be carried any desired distance with these Scrapers and deposited either in bulk or distributed evenly, which is so desirable in road and levee work.

They will do the work of Scraper, Grader and Carrier. Hundreds of them are in use in all parts of the country.

The Stockton Improved Scrapers have been used for years, and will do more and a greater variety of work in a given length of time than any other Scraper on the market.



The above is a cut of the Fresno Scraper, which we manufacture also. All parts are made to templet and can be duplicated for any Scraper put up by us, punched ready to be placed into position. The blade of this Scraper is 12 inches wide. The runners are made in one piece and may be adjusted on the bowl.

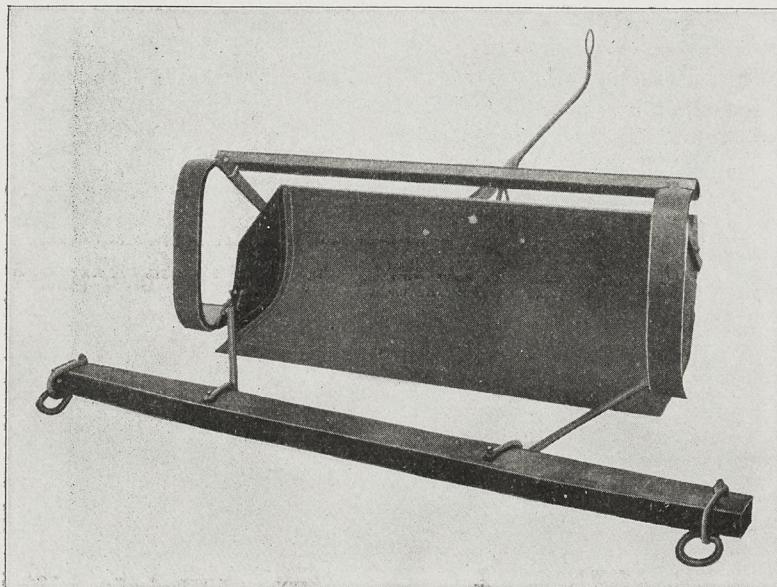
These implements are designed with a view of economy, in that each part, most susceptible to wear, may be easily replaced, making the Scraper as good as new.

All Scrapers turned out of our factory are made of the very best material obtainable and put together by skilled mechanics, making them far superior to any Scraper now on the market.

The advantages of the Stockton Improved Scraper over all others are apparent.

First—It pulls about one horse lighter than any other Buck Scraper, for the reason that when loaded it runs on the wear plates, leaving the knife 4 inches off the ground, while others are formed so that the knife and bowl run flat on the ground, causing a suction and consequently more friction.

All other Scrapers bear their full length, while the Stockton Improved touches at five points only.



The Stockton Improved Scraper in a Position to Gather Its Load.

Second—The bowl, being protected by the wear plates, is made to extend farther forward, making it possible to use a narrower knife, $4\frac{1}{2}$ inches wide, which is less expensive to replace than a wide knife, which has to be thrown away before half worn out.

It has five plates of plow steel, 4 inches wide and $\frac{1}{4}$ inch thick, riveted to the under side of the bowl, which takes practically all the wear, thus protecting the bowl.

Third—The Stockton Four-Horse Scraper will carry about 18 or 20 cubic feet of earth, which is from 4 to 5 cubic feet more than any other Scraper of similar size can carry.

Fourth—The adjustments to which the runners can be set are unlimited in number, making it very easy to use in any kind of soil.

Fifth—Its capability of distributing dirt as desired or dumping it into one pile, making it very useful in grading.

Sixth—It is impossible to tear the knife off the Stockton Scraper, for the reason that it is double riveted, making it very strong and durable.

All parts liable to wear are designed so as to be replaced without having to throw away any good parts. The parts most liable to wear are the wearing plates and the knife, which can be replaced at a trifling expense.

The success of the Stockton Improved Scraper is due to the shape of the bowl, the adjustable runners, the knife and most important of all, the wearing plates on the bottom of the bowl.

For any information not contained in this catalogue regarding the construction and variety of work that can be done by these Scrapers write to us for full details.

